BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, DC 20554

In the Matter of

MB Docket No. 87-268

Advanced Television Systems and
their Impact Upon the Existing
Television Broadcast Service

Seventh Report and Order and
Eighth Further Notice of Proposed Rulemaking

To: The Commission

PETITION FOR RECONSIDERATION

Montecito Hawaii License, LLC ("Montecito"), holder of the Commission authorization for commercial television station KAII-DT, Wailuku, Hawaii (Facility ID 4145), by its attorneys and pursuant to Section 1.429 of the Commission's Rules, hereby petitions the Commission to reconsider the Post-Transition DTV Table of Allotments adopted in the above-captioned Seventh Report and Order (the "Order"), and modify that Table of Allotments as provided in the Engineering Statement attached hereto as Exhibit A.[1] The purpose of such modification is to enable KAII-DT to better replicate its analog coverage, as contemplated by facilities to be built

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1 The Order was published in the Federal Register on September 26, 2007, and such publication constituted public notice of the Order. *See* Section 1.4(b) of the Commission's Rules. This petition is therefore timely pursuant to Section 1.429(d) of the Commission's Rules.

at a new site due to a forced relocation of the station's analog facilities as described in Exhibit A. Because KAII-DT will "flash cut" to DTV operations, better replication of its analog signal by its digital signal will better enable KAII-DT to provide seamless service to its analog viewers following transition to digital operations.

CONCLUSION

For the reasons set forth herein, Montecito urges the Commission to modify the Post Transition DTV Table of Allotments as requested in Exhibit A hereto.

Respectfully submitted,

MONTECITO HAWAII LICENSE, LLC

By: _____

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(202) 637-2200
Its Counsel

October 26, 2007

EXHIBIT A

Engineering Statement

EXHIBIT A

ENGINEERING STATEMENT
PETITION FOR RECONSIDERATION OF
SEVENTH REPORT AND ORDER
MB DOCKET 87-268
ON BEHALF OF
MONTECITO HAWAII LICENSE, LLC
KAII-DT, WAILUKU, HAWAII
CHANNEL 7 3.69 KW MAX ERP 753 METERS HAAT

OCTOBER 2007

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington)
) ss
District of Columbia)

Donald G. Everist, being duly sworn upon his oath, deposes and states that:

He is a graduate electrical engineer, a Registered Professional Engineer in the District of Columbia, and is President, Secretary and Treasurer of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

That his qualifications are a matter of record in the Federal Communications Commission;

That the attached engineering report was prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.

Donald G. Everist
District of Columbia
Professional Engineer
Registration No. 5714

Subscribed and sworn to before me this 24th day of October, 2007.

Notary Public

My Commission Expires: 2/28/2008

Introduction

This engineering statement has been prepared on behalf of Montecito Hawaii License, LLC. ("Montecito"), licensee of KAII-TV, Channel 7, Wailuku, Hawaii in support of a petition for reconsideration of the *Seventh Report and Order* ("Seventh R & O"), MB Docket No. 87-268[1]. The purpose of this engineering statement is to accompany KAII's request for a modification to its post-transition DTV allotment as listed in the Seventh R & O.

KAII-TV is licensed to operate on NTSC Television Channel 7 with a non-directional effective radiated power ("ERP") of 29.5 kW and height above average terrain ("HAAT") of 1811 meters (5941.6 feet). KAII-TV is a satellite station of KHON-TV, Honolulu, Hawaii and will "flash-cut" to digital operation on channel 7 for post-transition operation. In the Seventh R & O, the Commission assigned KAII-DT post-transition parameters of 3.69 kW directional ERP at 1809 meters HAAT on channel 7.

The licensed operation of KAII-TV is located on an antenna farm atop the Haleakala summit. The KAII-TV facilities, along with the other broadcast facilities located at the Haleakala Summit[2], are being forced to relocate their operation due to possible radio signal interference to observatories maintained by the University of Hawaii Institute for Astronomy and the US Air Force Research Laboratory, which also occupy the Haleakala summit. The observatories on Haleakala Summit are involved in satellite tracking, searching for potentially hazardous asteroids and investigating the sun.

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[1]In the Matter of Advanced Television Systems and Their Impact upon the Existing Television Broadcast Service, MB Docket No. 87-268, Adopted: August 1, 2006

[2]Other broadcast facilities currently occupying the antenna farm at the Haleakala Summit are: KMAU(TV), KMEB(TV) and KOGG(TV)

KAII-TV, along with the other affected broadcasters located at the Haleakala Summit, have coordinated to identify a new site and develop a shared tower[3] for the relocation of the existing broadcast facilities. Montecito proposes to relocate its post-transition DTV allotment facilities approximately 12.4 km to a new tower located at the Ulupalakua Ranch site.

Requested Post-Transition DTV Allotment Parameters

Channel:	7	
Effective Radiated Power:	**3.69 kW Directional**	(Figure 1)
Center of Radiation Above Mean Sea Level:	**1410.3 meters**	
Antenna Height Above Average Terrain:	**753 meters**	
Latitude:	**20° 39' 37" North**	NAD-27
Longitude:	**156° 21' 46" West**	

Conclusion

In addition to the requested post-transition DTV allotment parameters which are a result of a forced site relocation, Montecito also requests a modified directional antenna azimuth pattern which conforms to the multi-user community antenna for the Ulupalakua Ranch site. A Longley-Rice interference analysis (Table I) has been performed using terrain data from the Global 30-second National Geophysical Data Center ("NGDC") terrain database and based on the KAII-DT proposed parameters which demonstrates no predicted interference to any other post-transition DTV Allotment facility will occur. Therefore, Montecito requests that the azimuth pattern as assigned in the Seventh R & O be modified to specify the multi-user antenna.

[3]Not all details of the location of the KAII antenna are known with certainty

Due to the above mentioned circumstances which require KAII-DT to vacate the Haleakala summit against its will and relocate its broadcast facilities to a new site, Montecito hereby requests a modification to its post-transition DTV allotment to specify the proposed parameters.

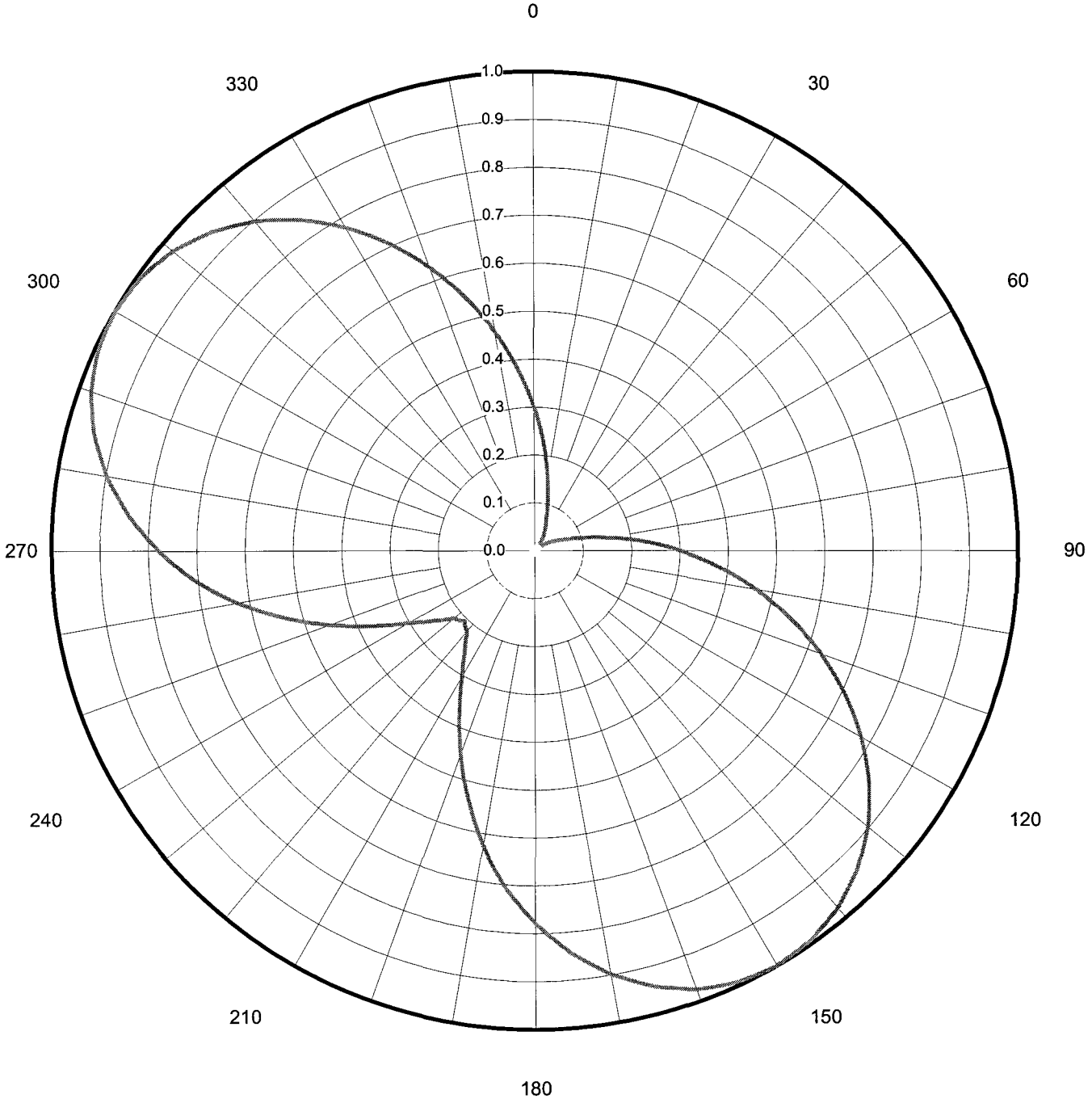
FIGURE 1
PROPOSED KAII-DT ALLOTMENT PATTERN

Dielectric

Proposal Number	**C-00447**		
Date	**28-Jun-06**		
Call Letters	**KAII**	Channel	**7**
Location	**Haleakala, Maui, HI**		
Customer	**Maui LLC**		
Antenna Type	**THA-P2SP-4H/8H-1-B**		

AZIMUTH PATTERN

Gain	**2.50**	**(3.98 dB)**	Frequency	**177.00 MHz**	
Calculated / Measured	**Calculated**		Drawing #	**THA-P2SP-1770**	



Dielectric

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Location	**Haleakala, Maui, HI**
Customer	**Maui LLC**
Antenna Type	**THA-P2SP-4H/8H-1-B**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **THA-P2SP-1770**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.300	45	0.020	90	0.300	135	0.942	180	0.779	225	0.206	270	0.779	315	0.942
1	0.285	46	0.020	91	0.316	136	0.948	181	0.765	226	0.210	271	0.792	316	0.933
2	0.270	47	0.020	92	0.332	137	0.955	182	0.750	227	0.212	272	0.805	317	0.924
3	0.254	48	0.020	93	0.349	138	0.961	183	0.736	228	0.215	273	0.817	318	0.916
4	0.239	49	0.020	94	0.365	139	0.968	184	0.721	229	0.217	274	0.830	319	0.907
5	0.224	50	0.019	95	0.381	140	0.974	185	0.707	230	0.218	275	0.843	320	0.898
6	0.210	51	0.019	96	0.398	141	0.978	186	0.691	231	0.225	276	0.854	321	0.887
7	0.196	52	0.019	97	0.414	142	0.982	187	0.675	232	0.232	277	0.865	322	0.876
8	0.183	53	0.019	98	0.431	143	0.985	188	0.658	233	0.239	278	0.876	323	0.865
9	0.169	54	0.020	99	0.448	144	0.989	189	0.642	234	0.246	279	0.887	324	0.854
10	0.155	55	0.020	100	0.465	145	0.993	190	0.625	235	0.253	280	0.898	325	0.843
11	0.145	56	0.023	101	0.481	146	0.994	191	0.608	236	0.262	281	0.907	326	0.830
12	0.134	57	0.026	102	0.498	147	0.996	192	0.590	237	0.272	282	0.916	327	0.817
13	0.124	58	0.030	103	0.515	148	0.997	193	0.573	238	0.281	283	0.924	328	0.805
14	0.113	59	0.033	104	0.531	149	0.999	194	0.555	239	0.292	284	0.933	329	0.792
15	0.103	60	0.036	105	0.548	150	1.000	195	0.538	240	0.303	285	0.942	330	0.779
16	0.096	61	0.039	106	0.564	151	0.999	196	0.521	241	0.315	286	0.948	331	0.765
17	0.090	62	0.042	107	0.581	152	0.997	197	0.503	242	0.328	287	0.955	332	0.750
18	0.083	63	0.044	108	0.597	153	0.996	198	0.486	243	0.342	288	0.961	333	0.736
19	0.077	64	0.047	109	0.614	154	0.994	199	0.469	244	0.357	289	0.968	334	0.721
20	0.070	65	0.050	110	0.630	155	0.993	200	0.452	245	0.372	290	0.974	335	0.707
21	0.066	66	0.054	111	0.645	156	0.989	201	0.436	246	0.387	291	0.978	336	0.692
22	0.062	67	0.058	112	0.661	157	0.985	202	0.419	247	0.403	292	0.982	337	0.676
23	0.058	68	0.062	113	0.676	158	0.982	203	0.403	248	0.419	293	0.985	338	0.661
24	0.054	69	0.066	114	0.692	159	0.978	204	0.387	249	0.436	294	0.989	339	0.645
25	0.050	70	0.070	115	0.707	160	0.974	205	0.372	250	0.452	295	0.993	340	0.630
26	0.047	71	0.077	116	0.721	161	0.968	206	0.357	251	0.469	296	0.994	341	0.614
27	0.044	72	0.083	117	0.736	162	0.961	207	0.342	252	0.486	297	0.996	342	0.597
28	0.042	73	0.090	118	0.750	163	0.955	208	0.328	253	0.503	298	0.997	343	0.581
29	0.039	74	0.096	119	0.765	164	0.948	209	0.315	254	0.521	299	0.999	344	0.564
30	0.036	75	0.103	120	0.779	165	0.942	210	0.303	255	0.538	300	1.000	345	0.548
31	0.033	76	0.113	121	0.792	166	0.933	211	0.292	256	0.555	301	0.999	346	0.531
32	0.030	77	0.124	122	0.805	167	0.924	212	0.281	257	0.573	302	0.997	347	0.515
33	0.026	78	0.134	123	0.817	168	0.916	213	0.272	258	0.590	303	0.996	348	0.498
34	0.023	79	0.145	124	0.830	169	0.907	214	0.262	259	0.608	304	0.994	349	0.481
35	0.020	80	0.155	125	0.843	170	0.898	215	0.253	260	0.625	305	0.993	350	0.465
36	0.020	81	0.169	126	0.854	171	0.887	216	0.246	261	0.642	306	0.989	351	0.448
37	0.019	82	0.183	127	0.865	172	0.876	217	0.239	262	0.658	307	0.985	352	0.431
38	0.019	83	0.196	128	0.876	173	0.865	218	0.232	263	0.675	308	0.982	353	0.414
39	0.019	84	0.210	129	0.887	174	0.854	219	0.225	264	0.691	309	0.978	354	0.398
40	0.019	85	0.224	130	0.898	175	0.843	220	0.218	265	0.707	310	0.974	355	0.381
41	0.020	86	0.239	131	0.907	176	0.830	221	0.217	266	0.721	311	0.968	356	0.365
42	0.020	87	0.254	132	0.916	177	0.817	222	0.215	267	0.736	312	0.961	357	0.349
43	0.020	88	0.270	133	0.924	178	0.805	223	0.212	268	0.750	313	0.955	358	0.332
44	0.020	89	0.285	134	0.933	179	0.792	224	0.210	269	0.765	314	0.948	359	0.316

COHEN, DIPPELL AND EVERIST, P.C.

TABLE I
LONGLEY-RICE ANALYSIS
FOR THE PROPOSED
POST-TRANSITION DTV ALLOTMENT
KAII-DT, WAILUKU, HI
CH7 3.69 kW MAX ERP 753 METERS HAAT
OCTOBER 2007

Channel	Station	City/State	State	Distance km	Status	FCC File Number	**7th R&O** KHAW-DT Interference %	**Proposed** KHAW-DT Interference %
8	KHON	Honolulu	HI	169.1	7thRO	BDSTA--20030522AJC	0.0	0.0